



# CALIFORNIA BUILDING CODE (2006 IBC) PUBLIC PROPOSAL FORM

PLEASE SEE REVERSE FOR INSTRUCTIONS ON SUBMITTING PUBLIC PROPOSALS. PROPOSALS MUST COMPLY WITH THESE INSTRUCTIONS.

- 1) Indicate the format in which you would like to receive your Public Proposals Monograph (PPM), Report of the Hearing (ROH) and Final Action Agenda (FAA):

☒ Paper ☐ \* CD ☐ \*Download from ICC Website

(\*Note: A paper copy will not be sent to you if you have chosen the CD or Download format.)

- 2) PLEASE TYPE OR PRINT CLEARLY: FORMS WILL BE RETURNED if they contain unreadable information.

|                         |  |        |    |         |                |          |
|-------------------------|--|--------|----|---------|----------------|----------|
| Name:                   | Rick Thornberry, P.E.                                      |        |    |         | Date:          | 10/31/05 |
| Jurisdiction/Company:   | The Code Consortium, Inc.                                  |        |    |         |                |          |
| Submitted on Behalf of: | Air Movement and Control Association (AMCA)                |        |    |         |                |          |
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- 3) \*Signature: \_\_\_\_\_ ☒ Signature on File (see over)

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- 4) Cost Impact: Indicate if this Proposal: ☐ will ☐ will not increase the cost of construction.

- 5) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym:

IBC

If you have also submitted a separate coordination change to another I-Code, please indicate the code: \_\_\_\_\_  
(See back of this form for list of names and acronyms for the International Codes).

- 6) Revision to: ☒ Section 716.5.4 ☐ Table \_\_\_\_\_ ☐ Figure \_\_\_\_\_

- 7) PROPOSAL Please check appropriate box:

☒ Revise as follows: ☐ Add new text as follows ☐ Delete and substitute as follows: ☐ Delete without Substitution(s):

Show the proposed NEW, REVISED or DELETED TEXT in legislative format: ~~Line through text to be deleted.~~ Underline text to be added.

**716.5.4 Fire partitions.** Duct and air transfer openings penetrations in fire partitions shall be protected with approved fire dampers installed in accordance with their listing.

Exceptions: In occupancies other than Group H, fire dampers are not required where any of the following apply:

1. The partitions are tenant separations and corridor walls in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 and the duct is protected as a through penetration in accordance with Section 712.
2. The duct system is constructed of approved materials in accordance with the *International Mechanical Code* and the duct penetrating the wall meets all of the following minimum requirements:
  - 2.1. The duct shall not exceed 100 square inches (0.06 m<sup>2</sup>).
  - 2.2. The duct shall be constructed of steel a minimum of 0.0217 inch (0.55 mm) in thickness.
  - 2.3. The duct shall not have openings that communicate the corridor with adjacent spaces or rooms.
  - 2.4. The duct shall be installed above a ceiling.
  - 2.5. The duct shall not terminate at a wall register in the fire-resistance-rated wall.
  - 2.6. A minimum 12-inch-long (0.30 m) by 0.060-inch-thick (1.52 mm) steel sleeve shall be centered in each

duct opening. The sleeve shall be secured to both sides of the wall and all four sides of the sleeve with minimum 1½-inch by 1½-inch by 0.060-inch (0.038 m by 0.038 m by 1.52 mm) steel retaining angles. The retaining angles shall be secured to the sleeve and the wall with No. 10 (M5) screws. The annular space between the steel sleeve and wall opening shall be filled with rock (mineral) wool batting on all sides.

☐ PROPOSAL *Continued* (Attach additional sheets as necessary)

**8) SUPPORTING INFORMATION (State purpose and reason, and provide substantiation to support proposed change):**  
The elimination of the exception for corridor walls maintains the current level of protection provided under the UBC. UBC Section 713.11 requires fire dampers in egress corridors required to have a fire resistance rating. This exception to the requirements for fire dampers in corridors based on the installation of an automatic sprinkler system does not exist in the UBC.

☐ SUPPORTING INFORMATION *Continued* (Attach additional sheets as necessary)